

REPORT

Statistical

REPORT NO. 143-86
October 1, 1986

**national
machine
tool builders
association**

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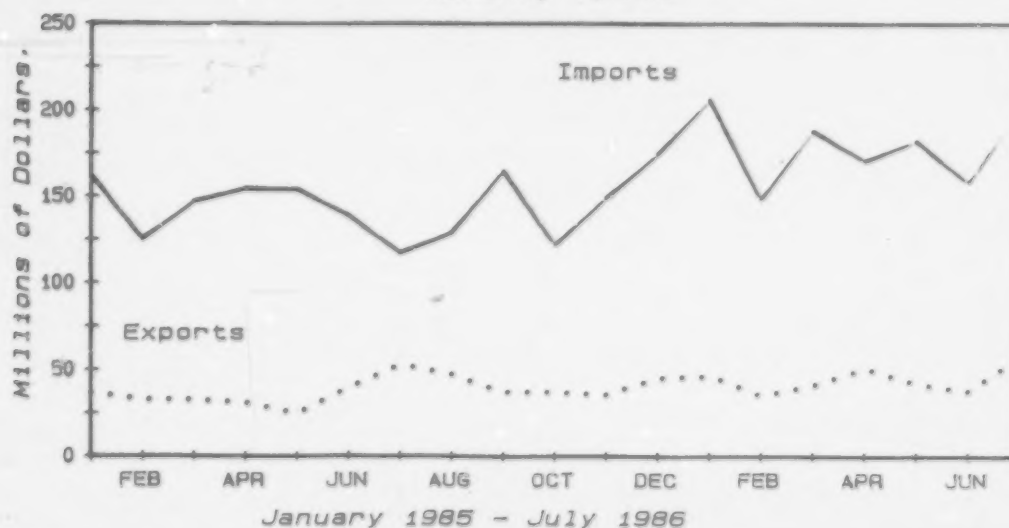
U.S. FOREIGN TRADE IN MACHINE TOOLS July 1986

During July 1986, U.S. foreign trade in machine tools produced a trade deficit of \$143.7 million, bringing the total deficit for the first seven months of the year to \$943.3 million. Compared to June 1986, U.S. exports increased 53% while imports rose 28%. Year-to-date machine tool exports of \$312.2 million are 25% above the same period last year. Imports, at \$1,255.5 million, rose 26% above the total for the first seven months of 1985.

U.S. Machine Tool Trade (\$Millions)

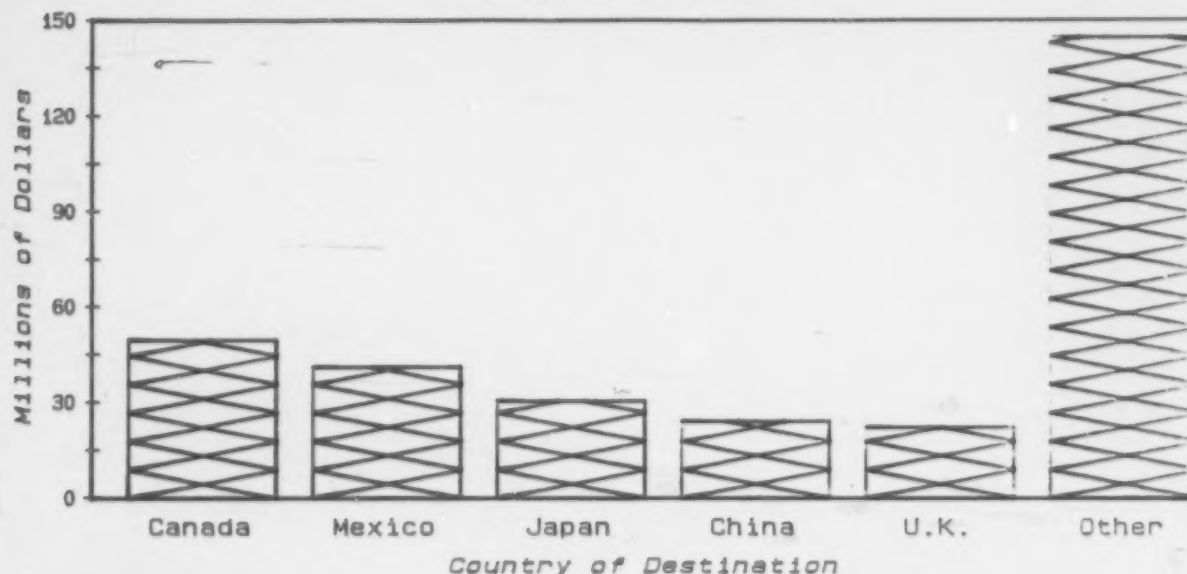
	July 1986			Seven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	\$ 30.7	\$157.3	(\$126.6)	\$191.2	\$ 970.7	(\$ 779.5)
Metal Forming	\$ 27.1	\$ 44.2	(\$ 17.1)	\$121.0	\$ 284.8	(\$ 163.8)
Total	\$ 57.8	\$201.5	(\$143.7)	\$312.2	\$1,255.5	(\$ 943.3)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS Monthly Totals



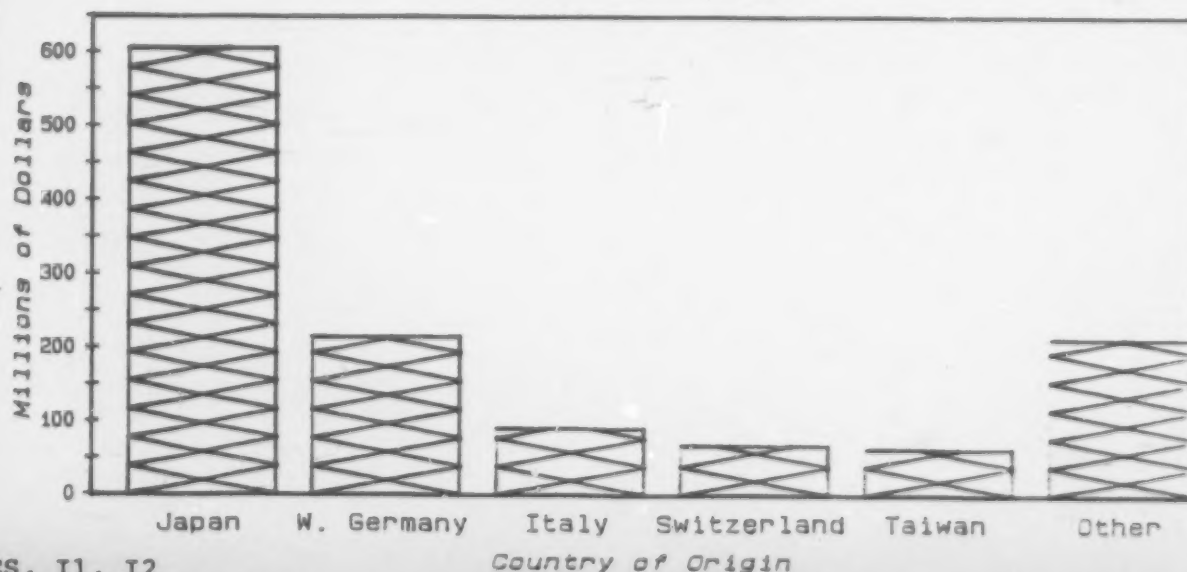
U.S. Exports of metal cutting machine tools rose 26% compared to June's level and metal forming exports jumped 103%. Compared to the first seven months of 1985, metal cutting exports were up 21% while exports of metal forming machinery increased 32%. For January through July 1986 the leading export markets were (in millions): Canada (\$49.6), Mexico (\$41.1), Japan (\$30.5), China (\$24.1) and the United Kingdom (\$22.3).

U.S. EXPORTS
1986, Year to Date



U.S. Imports of both metal cutting and metal forming machine tools increased from last month's levels, rising 32% and 15%, respectively. Year-to-date imports of metal cutting machinery were 19% above the first seven months of 1985. Metal forming imports have risen 56% from the comparable period last year. The leading sources of machine tool imports to the U.S. during the first seven months of 1986 were (in millions): Japan (\$606.5), West Germany (\$214.5), Italy (\$90.3), Switzerland (\$67.8) and Taiwan (\$63.2).

U.S. IMPORTS
1986, Year to Date



U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

RELEASED: OCTOBER 1, 1986

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
674: METAL CUTTING				
3025 Gear Hobbers	56	7173	20	2670
3035 Gear Shapers	3	597	0	0
3045 Gear Cutting Machines, N.E.C.	18	2838	6	490
3404 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1431	108666	167	13229
3406 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	221	21003	37	2965
3409 Horizontal Machining Centers, ATC, NC	374	49628	71	8600
3411 Machining Centers, NC, N.E.C.	475	41774	136	12399
3412 Single Station and Multi-Station Transfer Machines	48	19230	11	6103
3413 Way Type Machines, (Unit Heads)	0	0	0	0
3417 Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	309	0	0
3418 Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	31	5332	12	744
3419 Vertical Boring-Drilling-Milling Machines, NC	149	9383	26	2197
3422 Horiz. Boring-Drilling-Milling Machines, Non-NC	17	1592	5	242
3423 Vertical Boring-Drilling-Milling Machines, Non-NC	30	1861	3	205
3328 Drilling Machines, NC	95	7323	8	540
3329 Drilling Machines, Multi-Spindle, Non-NC	28	2276	4	862
3334 Drilling Machines, Radial, Non-NC	191	1531	18	175
3336 Drilling Machines, Upright, Single Spindle, Non-NC	51	328	4	16
3342 Drilling Machines, Non-NC, N.E.C.	441	13010	57	1936
3464 Milling Machines, NC	376	33389	62	5853
3466 Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	17	933	2	13
3467 Milling Machines, Knee Type, Non-NC	2201	12567	252	1682
3468 Milling Machines, Bed Type, Non-NC	183	3613	20	459
3469 Milling Machines, Non-NC, N.E.C.	1050	14949	233	3157
3476 Vertical Boring Machines, Incl. UTL's, NC	48	7868	7	872
3477 Vertical Boring Machines, Incl. UTL's, Non-NC	80	2323	9	345
3481 Boring Machines, NC, N.E.C.	11	9126	1	675
3483 Boring Machines, Non-NC N.E.C.	382	51310	41	3016
3504 Horizontal Lathes, Multi-Spindle, NC	28	3214	7	556
3506 Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2124	83610	326	12604
3508 Horizontal Lathes, Single Spindle, 25-50 HP, NC	577	40984	58	4101
3510 Horizontal Lathes, Single Spindle, Over 50 HP, NC	175	11633	22	2190
3512 Horizontal Engine & Toolroom Lathes, Non-NC	2515	19672	340	2604
3513 Automatic Chucking Lathes, Single Spindle, Non-NC	72	2587	13	598
3514 Automatic Chucking Lathes, Multi-Spindle, Non-NC	104	9287	6	758
3515 Automatic Bar Machines, Single Spindle, Non-NC	37	831	2	89
3516 Automatic Bar Machines, Multi-Spindle, Non-NC	15	2325	1	171
3518 Horizontal Lathes, Non-NC, N.E.C.	141	7159	25	1081
3505 Vertical Lathes, Multi-Spindle, NC	74	7126	17	819
3519 Vertical Lathes, NSPF, NC	302	20463	26	1542
3522 Vertical Lathes, Excl. UTL's, Non-NC	1068	22729	213	3951
3527 Gear Tooth Grinding & Finishing Machines	286	10485	103	1101
3528 Tool & Cutter Grinding Machines, NC	61	2583	12	367
3529 Tool & Cutter Grinding Machines, Non-NC	814	11418	139	2137
3533 Honing & Lapping Machines	147	9679	20	690
3539 Grinding Machines, Flat Surface, NC	31	3884	3	832
3541 Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	310	4592	45	787
3543 Grinding Machines, Flat Surface, Non-NC, N.E.C.	844	17287	127	2026
3546 Grinding & Polishing Machines, NC, N.E.C.	76	8514	14	1486
3554 External Grinding Machines, Non-NC	706	11943	23	2237
3556 Internal Grinding Machines, Non-NC	65	3402	5	669
3558 Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	144	5505	19	1089
3559 Grinding Machines, Non-NC, N.E.C.	1161	38793	278	6990
3562 Traveling Wire Electrical Discharge Machines	468	34776	62	5146
3564 All Other Electrical Discharge Machines	331	14491	65	3078
3567 Spark Erosion, Ultrasonic & Electrolytic Machines, NC	28	3141	8	766
3571 Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	170	3048	77	584
3576 Metal Cutting Machine Tools, NC, N.E.C.	77	17651	9	12479
3577 Sawing & Cut-Off Machines, Non-NC	1187	16324	151	1679
3578 Broaching Machines, Non-NC	17	1439	0	0
3579 Metal Cutting Machine Tools, Non-NC, N.E.C.	576	15865	75	1950
4000 Metal Cutting Machine Tools, Used or Rebuilt*	3356	16209	368	2042
5000 Metal Cutting Machine Tools, Less Than \$2500**	356643	58012	55810	8664
			59681	157321
	TOTAL CUTTING			
	TOTAL CUTTING YTD		382739	970674
674: METAL FORMING				
1010 Die Casting Machines	267	25140	76	8311
3582 Metal Forming Machine Tools, Used or Rebuilt	253	3504	78	689
3583 Metal Forming Machine Tools, Less Than \$2500	14727	6275	2780	1087
3584 Punching and Shearing Machines, Incl. Combination, NC	289	33565	40	4617
3586 Shearing Machines, Non-NC	770	14176	142	2865
3587 Punching & Combination Punching & Shearing Machines, Non-NC	504	8982	74	945
3588 Bending, Folding, Straightening & Flattening Machines, NC	251	12224	58	3186
3589 Press Brakes, Non-NC	696	18954	106	2620
3591 Bending Rolls, Ram & Press Bending Machines, Non-NC	146	2025	25	265
3592 Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	795	20115	119	2860
3593 Metal Forming Machine Tools, NC, N.E.C.	35	2162	10	606
3594 Mechanical Presses, Non-NC	211	18412	37	2239
3595 Hydraulic Presses, Vertical, Single Action, Non-NC	70	7163	11	196
3596 Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	689	51256	96	2854
3597 Headers & Upsetters, Non-NC	87	6781	7	633
3598 Forging Machines, Non-NC, N.E.C.	102	3941	8	1535
3599 Metal Forming Machine Tools, Non-NC, N.E.C.	1439	50159	223	8691
			1890	44202
	TOTAL FORMING			
	TOTAL FORMING YTD		21331	284857
	TOTAL ALL TYPES		63571	201523
	TOTAL ALL TYPES YTD		404070	1255531

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	2	805
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	1	187	0	0	0	0	0	0
3328	0	0	0	0	0	0	1	135	0	0
3329	0	0	3	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	3	49
3464	0	0	0	0	2	0	0	0	7	1248
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	49	223	0	0	0	0	0	0	1	8
3476	0	0	0	0	0	0	5	604	0	0
3477	0	0	0	0	0	0	0	0	3	38
3481	0	0	0	0	0	0	0	0	1	675
3483	0	0	0	0	0	0	0	0	18	1050
3504	0	0	0	0	0	0	2	112	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	4	20	15	58	0	0	0	0	4	86
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	89	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	12	110
3527	0	0	0	0	2	0	0	0	41	253
3528	0	0	0	0	0	0	0	0	10	268
3529	0	0	0	0	0	0	0	0	1	14
3533	0	0	0	0	0	0	0	0	1	3
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	6	112	0	0	0	0	27	260
3543	0	0	0	0	0	0	0	0	9	257
3546	10	435	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	10	318
3559	0	0	0	0	8	43	5	99	18	524
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	16	0	0
3576	1	39	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	2	37	10	57
3578	0	0	0	0	0	0	0	0	0	0
3579	1	237	0	0	0	0	1	5	0	0
4000	9	75	2	22	0	0	0	0	3	16
5000	640	207	86	86	77	30	670	221	615	185
CUT MO	720	1325	110	466	85	73	887	1228	798	6212
CUT YTD	2537	4389	535	1712	463	926	3861	12906	4991	72699
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	2	5	1	57	7	118
3583	161	49	77	12	0	0	46	9	520	165
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	9	179	1	15	15	436	11	127
3587	0	0	0	0	0	0	0	0	5	16
3588	1	87	1	13	0	0	0	0	2	41
3589	0	0	15	421	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	1	8	28	630
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	5	40	0	0	0	0
3596	0	0	3	28	0	0	2	118	10	131
3597	0	0	0	0	0	0	0	0	4	561
3598	0	0	0	0	0	0	0	0	1	42
3599	2	3	0	0	0	0	2	117	51	1575
FRM MO	164	138	105	653	8	60	67	745	639	3406
FRM YTD	203	756	385	5685	81	1182	623	5352	2417	17639
TOT MO	384	1463	215	1119	93	133	754	1973	1437	9618
TOT YTD	2740	5144	920	7397	544	2108	4484	18258	7408	90338

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674-										
3025	0	0	0	0	0	0	0	0	2	190
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	1	117	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	1	176	3	336
3412	0	0	0	0	0	0	0	0	4	187
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	2	190	0	0	0	0
3419	1	101	0	0	0	0	0	0	2	897
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	6	69	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	8	0	0	1	135
3464	0	0	0	0	14	208	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	107	696	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	7	137	1	97	14	161
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	2	422
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	116	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	2	89
3516	0	0	0	0	0	0	0	0	1	171
3518	0	0	0	0	0	0	1	11	1	10
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	2	302	0	0
3522	0	0	0	0	8	101	0	0	3	18
3527	0	0	0	0	0	0	0	0	2	85
3528	0	0	0	0	0	0	0	0	0	0
3529	5	51	0	0	0	0	0	0	1	42
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	1	216
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	4	76	0	0	2	319
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	1	331	8	407
3556	0	0	0	0	0	0	0	0	0	0
3558	4	55	0	0	0	0	0	0	2	427
3559	72	1706	0	0	2	98	1	353	41	1357
3562	0	0	0	0	0	0	0	0	24	2176
3564	0	0	0	0	0	0	0	0	5	351
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	1	3
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	1	39	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	2	115	0	0	0	0	0	0	0	0
4000	0	0	0	0	1	3	1	1	11	193
5000	141	181	36	83	20	40	52	51	343	68
CUT MO.	225	2207	36	83	175	1898	60	1322	476	8258
CUT YTD	983	12340	160	506	1713	12255	2049	6428	2073	56151
1010	0	0	0	0	1	2	0	0	8	250
3582	10	41	0	0	0	0	0	0	0	0
3583	97	53	0	0	12	5	19	9	141	12
3584	0	0	0	0	0	0	0	0	1	72
3586	2	21	4	57	14	160	0	0	2	23
3587	0	0	0	0	13	115	3	28	1	35
3588	2	32	0	0	0	0	2	69	5	349
3589	2	62	3	39	0	0	2	67	0	0
3591	0	0	0	0	0	0	18	236	0	0
3592	1	10	0	0	0	0	5	40	2	192
3593	0	0	0	0	0	0	0	0	1	24
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	4	63	2	193	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	23	239	0	0	3	25	3	470	4	466
FRM MO.	137	457	7	96	47	369	54	1112	165	1422
FRM YTD	455	1381	72	1311	279	2093	445	6039	605	11696
TOT MO.	362	2665	43	179	222	2268	114	2434	641	9680
TOT YTD	1438	13721	232	1817	1992	14348	2494	12468	2678	67847

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3025	0	0	11	2335	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	4	119	2	371	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	3	208	14	755	0	0	0	0	0	0
3411	8	387	6	1588	0	0	0	0	0	0
3412	0	0	7	5916	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	3	210
3419	0	0	22	1062	0	0	0	0	0	0
3422	0	0	1	27	0	0	0	0	0	0
3423	1	7	0	0	0	0	0	0	0	0
3328	0	0	3	236	0	0	0	0	0	0
3329	0	0	1	734	0	0	2	15	0	0
3334	1	63	0	0	0	0	0	0	1	8
3336	0	0	4	16	0	0	0	0	0	0
3342	5	413	11	668	0	0	2	9	0	0
3464	31	966	3	2246	0	0	0	0	0	0
3466	0	0	2	13	0	0	0	0	0	0
3467	26	514	0	0	0	0	0	0	0	0
3463	15	168	1	174	0	0	0	0	0	0
3469	2	5	16	205	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	10	15	1472	0	0	4	69	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	17	453	1	185	0	0	0	0	4	13
3508	0	0	0	0	0	0	0	0	2	25
3510	0	0	8	911	0	0	0	0	0	0
3512	42	352	0	0	0	0	0	0	9	77
3513	0	0	2	222	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	1	50	1	102	0	0	1	65	0	0
3522	11	318	4	418	1	33	3	98	14	167
3527	1	4	57	536	0	0	0	0	0	0
3528	0	0	2	99	0	0	0	0	0	0
3529	13	211	55	1215	0	0	4	119	0	0
3533	11	38	7	610	0	0	0	0	0	0
3539	2	616	0	0	0	0	0	0	0	0
3541	0	0	8	270	0	0	0	0	0	0
3543	4	297	4	101	3	37	25	125	0	0
3546	1	796	2	52	0	0	0	0	0	0
3554	1	24	2	849	0	0	0	0	0	0
3556	0	0	3	516	0	0	0	0	0	0
3558	0	0	3	289	0	0	0	0	0	0
3559	9	1473	60	589	0	0	42	138	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	2	56	1	71	0	0	0	0	0	0
3567	2	607	0	0	0	0	0	0	0	0
3571	2	12	0	0	0	0	0	0	0	0
3576	0	0	1	155	0	0	0	0	0	0
3577	18	82	47	369	0	0	18	188	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	9	470	5	556	0	0	42	505	0	0
4000	149	615	23	454	0	0	19	99	0	0
5000	1202	503	10022	1060	28	59	754	388	1	2
CUT MO.	1654	9834	10437	27446	32	130	916	1819	59	501
CUT YTD	6820	47427	85365	169168	502	3622	4771	14364	667	2983
1010	0	0	0	0	0	0	41	654	0	0
3582	11	120	29	234	0	0	1	5	0	0
3583	80	21	416	387	0	0	36	33	0	0
3584	1	54	5	699	0	0	0	0	0	0
3586	22	202	5	50	0	0	8	120	0	0
3587	0	0	4	54	0	0	31	187	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	1	8	0	0	0	0	17	258	0	0
3591	0	0	1	5	0	0	0	0	0	0
3592	2	51	9	176	0	0	50	451	0	0
3593	0	0	3	394	0	0	1	53	0	0
3594	1	5	20	1679	0	0	0	0	0	0
3595	1	11	0	0	0	0	2	105	0	0
3596	3	180	21	65	0	0	2	38	0	0
3597	2	45	1	27	0	0	0	0	0	0
3598	2	749	2	733	0	0	3	12	0	0
3599	31	728	39	1820	0	0	34	1601	0	0
FRM MO.	157	2174	555	6322	0	0	226	3515	0	0
FRM YTD	720	15112	3690	45325	3	299	986	18445	32	12325
TOT MO.	1811	12008	10992	33767	12	130	1142	5333	59	501
TOT YTD	7540	62539	89055	214493	505	3921	5757	32809	699	15308

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3025	0	0	0	0	7	145	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	152	12579	0	0	0	0
3406	0	0	0	0	34	2814	0	0	0	0
3409	0	0	0	0	48	7299	0	0	0	0
3411	0	0	0	0	109	8840	0	0	1	50
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	274	0	0	0	0
3419	0	0	0	0	1	137	0	0	0	0
3422	0	0	0	0	3	165	0	0	0	0
3423	1	10	0	0	0	0	0	0	0	0
3328	0	0	0	0	4	168	0	0	0	0
3329	0	0	0	0	1	114	0	0	0	0
3334	1	3	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	13	0	0	17	119	0	0	0	0
3464	0	0	0	0	6	1180	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	12	1547	0	0	0	0
3476	0	0	0	0	2	268	0	0	0	0
3477	0	0	0	0	6	307	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	5	443	0	0	0	0
3506	0	0	0	0	207	11287	8	335	8	68
3508	1	11	0	0	50	3520	3	123	0	0
3510	0	0	0	0	14	1279	0	0	0	0
3512	14	192	0	0	7	346	29	164	42	348
3513	0	0	0	0	5	197	0	0	0	0
3514	0	0	0	0	6	758	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	22	0	0	17	1032	0	0	0	0
3505	0	0	0	0	16	815	0	0	0	0
3519	0	0	0	0	11	748	0	0	0	0
3522	3	95	0	0	91	2208	0	0	0	0
3527	0	0	0	0	2	224	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	17	407	0	0	0	0
3533	0	0	0	0	1	40	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	4	156	0	0	0	0
3543	0	0	0	0	31	565	0	0	0	0
3546	0	0	0	0	1	203	0	0	0	0
3554	0	0	0	0	5	593	0	0	0	0
3556	1	15	0	0	1	138	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	9	548	0	0	0	0
3562	1	150	0	0	34	2781	0	0	0	0
3564	10	44	0	0	41	2487	0	0	0	0
3567	0	0	0	0	6	159	0	0	0	0
3571	0	0	0	0	5	266	0	0	0	0
3576	0	0	0	0	7	12285	0	0	0	0
3577	0	0	1	87	42	809	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	3	22	0	0	0	0
4000	0	0	0	0	29	113	0	0	0	0
5000	35	56	0	0	10664	1549	5	8	2	4
CUT MO	73	611	1	47	11694	81935	45	630	51	470
CUT YTD	330	1977	189	1072	92379	474258	568	5438	403	3736
1010	0	0	0	0	26	7405	0	0	0	0
3582	0	0	0	0	13	79	0	0	0	0
3583	0	0	0	0	228	87	0	0	19	37
3584	0	0	0	0	33	3793	0	0	0	0
3586	0	0	6	114	39	1318	0	0	3	40
3587	0	0	8	179	6	254	0	0	3	78
3588	0	0	0	0	45	2596	0	0	0	0
3589	0	0	0	0	66	1765	0	0	0	0
3591	0	0	0	0	6	23	0	0	0	0
3592	0	0	0	0	12	1266	0	0	0	0
3593	0	0	0	0	5	136	0	0	0	0
3594	0	0	0	0	16	555	0	0	0	0
3595	0	0	0	0	1	17	0	0	2	22
3596	0	0	0	0	47	2030	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	23	1563	0	0	0	0
FRM MO	0	0	14	293	566	22887	0	0	27	177
FRM YTD	11	2	28	613	4991	132283	2	46	41	391
TOT MO	73	611	15	340	12260	104822	45	630	80	647
TOT YTD	341	1979	197	1685	97370	606542	570	5484	444	4127

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:						
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	14	534	0	0	0	0
3406	3	151	0	0	0	0
3409	6	337	0	0	0	0
3411	6	219	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	1	70	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	1	50
3423	0	0	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	9	34	0	0	0	0
3336	0	0	0	0	0	0
3342	12	488	2	26	1	10
3464	1	5	0	0	0	0
3466	0	0	0	0	0	0
3467	119	472	0	0	0	0
3468	4	117	0	0	0	0
3469	130	770	0	0	1	5
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	3	415
3504	0	0	0	0	0	0
3506	61	263	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	168	780	0	0	5	65
3513	6	180	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	2	6	0	0	0	0
3505	1	4	0	0	0	0
3519	3	142	0	0	1	45
3522	31	157	0	0	32	228
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	21	78	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	39	221	0	0	6	27
3546	0	0	0	0	0	0
3554	5	26	0	0	1	7
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	6	45	0	0	5	19
3562	3	38	0	0	0	0
3564	5	60	1	9	0	0
3567	0	0	0	0	0	0
3571	68	288	0	0	0	0
3576	0	0	0	0	0	0
3577	11	46	0	0	1	7
3578	0	0	0	0	0	0
3579	12	41	0	0	0	0
4000	116	386	0	0	5	85
5000	30031	3866	8	2	378	14
CUT MO.	30894	9821	11	37	440	956
CUT YTD	169253	61300	498	563	1649	4381
1010	0	0	0	0	0	0
3582	1	7	0	0	3	23
3583	853	163	0	0	75	45
3584	0	0	0	0	0	0
3586	1	4	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	0	0	0	0	9	36
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	0	0	0	0	2	8
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	1	12	0	0	7	72
FRM MO.	856	186	0	0	96	184
FRM YTD	4732	1862	16	266	514	4732
TOT MO.	31750	10008	11	37	536	1140
TOT YTD	173985	63162	514	828	2163	9113

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	12	1	4	3	16
EAST GERMANY	1	50	0	0	1	50
FINLAND	3	415	37	69	40	484
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	6	25	0	0	6	25
POLAND	33	224	0	0	33	224
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	45	727	38	73	83	800
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LM & WM IS.	0	0	0	0	0	0
MEXICO	376	10	14	31	390	40
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	376	10	14	31	390	40
OTHER SOUTH AMERICA						
ARGENTINA	1	6	0	0	1	6
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URUGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	1	6	0	0	1	6
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	2	8	2	8
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	2	8	2	8

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	5	55	0	0	5	55
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	4	50	0	0	4	50
INDIA	8	53	36	2	44	55
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	1	45	0	0	1	45
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	18	213	36	2	54	215
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	6	71	6	71
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	6	71	6	71

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1) 0-999 = DOLLAR AMOUNT LESS THAN \$500. 2) N.E.C. - NOT ELSEWHERE CLASSIFIED. 3) INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4) MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

RELEASED: OCTOBER 1, 1986

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
674: METAL CUTTING				
3020 Gear Hobbers & Shapers	41	2142	1	75
3045 Gear Cutting Machines, N.E.C.	71	15692	6	1615
3204 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	12	1246	1	123
3206 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	1	1813
3209 Horizontal Machining Centers, ATC, NC	11	2885	2	626
3211 Machining Centers, NC, N.E.C.	51	4771	18	2417
3216 Single Station and Multi-Station Transfer Machines	17	9686	7	5751
3225 Way Type Machines (Unit Heads)	2	75	0	0
3245 Horiz. Boring-Drilling-Milling Machines, Table Type, NC	4	2209	0	0
3246 Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247 Vertical Boring-Drilling-Milling Machines, NC	5	1105	1	316
3248 Horiz. Boring-Drilling-Milling Machines, Non-NC	4	498	2	112
3249 Vertical Boring-Drilling-Milling Machines, Non-NC	18	2829	0	0
3254 Drilling Machines, NC	8	1102	1	137
3255 Drilling Machines, Multi-Spindle, Non-NC	23	2428	0	0
3256 Drilling Machines, Radial, Non-NC	9	111	2	32
3257 Drilling Machines, Upright, Single Spindle, Non-NC	8	187	0	0
3258 Drilling Machines, Non-NC, N.E.C.	119	2839	10	189
3264 Milling Machines, NC	22	5749	1	92
3266 Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	20	2578	2	529
3267 Milling Machines, Knee Type, Non-NC	4	265	1	55
3268 Milling Machines, Bed Type, Non-NC	5	2600	0	0
3269 Milling Machines, Non-NC, N.E.C.	59	2409	1	88
3276 Vertical Boring Machines, Incl. UTls, NC	5	3107	1	481
3277 Vertical Boring Machines, Incl. UTls, Non-NC	167	11959	12	2116
3281 Boring Machines, NC, N.E.C.	2	267	0	0
3283 Boring Machines, Non-NC, N.E.C.	42	2594	10	627
3503 Horizontal Lathes, Multi-Spindle, NC	4	716	0	0
3505 Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	86	6454	10	901
3507 Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	14	1634	0	0
3509 Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1237	1	80
3510 Horizontal Engine & Toolroom Lathes, Non-NC	48	855	7	81
3511 Automatic Chucking Lathes, Single Spindle, Non-NC	8	1612	2	121
3512 Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	268	2	71
3515 Automatic Bar Machines, Single-Spindle, Non-NC	10	513	1	110
3516 Automatic Bar Machines, Multi-Spindle, Non-NC	14	612	3	60
3518 Horizontal Lathes, Non-NC, N.E.C.	679	8134	36	1264
3521 Vertical Lathes, Multi-Spindle, Excl. UTls, NC	8	2233	4	620
3523 Vertical Lathes, Excl. Multi-Spindle & UTls, NC	17	1489	5	439
3525 Vertical Lathes, Excl. UTls, Non-NC	111	6320	15	367
3528 Grinding, Polishing, Honing & Lapping Machines, NC	21	3289	1	318
3529 Gear Tooth Grinding & Finishing Machines, Non-NC	34	3024	6	527
3531 Tool & Cutter Grinding Machines, Non-NC	94	3949	8	64
3532 Honing & Lapping Machines, Non-NC	150	5930	11	514
3533 Grinding Machines, Flat Surface Reciprocating Table, Non-NC	29	570	3	137
3538 Grinding Machines, Flat Surface, Non-NC, N.E.C.	105	5525	8	908
3541 External Grinding Machines, Non-NC	20	1562	1	30
3542 Internal Grinding Machines, Non-NC	4	763	1	172
3544 Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	113	4578	65	902
3546 Grinding Machines, Non-NC, N.E.C.	134	3415	11	58
3547 Traveling Wire Electrical Discharge Machines	3	93	0	0
3549 All Other Electrical Discharge Machines	76	1276	9	269
3551 Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	1191	3	246
3553 Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	17	535	0	0
3559 Metal Cutting Machine Tools, NC, N.E.C.	12	1011	1	17
3565 Sawing & Cut-Off Machines, Non-NC	273	4758	22	364
3566 Broaching Machines, Non-NC	5	555	0	0
3567 Metal Cutting Machine Tools, Non-NC, N.E.C.	138	5259	7	321
4000 Metal Cutting Machine Tools, Used Or Rebuilt*	1727	18639	310	3495
5000 Metal Cutting Machine Tools, Less Than \$2500**	21508	7822	3382	1104
TOTAL CUTTING			4055	30759
TOTAL CUTTING YTD	26224	191166		
674: METAL FORMING				
1011 Die Casting Machines & Parts	0	8132	0	1659
3568 Metal Forming Machine Tools, Used Or Rebuilt	214	2851	49	822
3569 Metal Forming Machine Tools, Less Than \$2500	2474	1567	396	215
3571 Punching & Shearing Machines, Incl. Combination, NC	15	2080	4	523
3573 Shearing Machines, Non-NC	31	744	0	0
3575 Punching & Combination Punching & Shearing Machines, Non-NC	271	7154	50	1823
3578 Bending, Folding, Straightening & Flattening Machines, NC	95	2690	6	155
3582 Press Brakes, Non-NC	76	2966	6	339
3583 Bending Rolls, Ram & Press Bending Machines, Non-NC	16	1028	5	166
3584 Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	301	13906	61	1715
3588 Mechanical Presses, Non-NC	105	7590	13	610
3589 Hydraulic Presses, Vertical, Single Action, Non-NC	25	6324	3	569
3590 Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	408	25105	83	9380
3594 Headers & Upsetters, Non-NC	27	4905	4	340
3595 Forging Machines, Non-NC, N.E.C.	78	6377	10	2546
3598 Metal Forming Machine Tools, Non-NC, N.E.C.	349	27610	52	6201
TOTAL FORMING			742	27067
TOTAL FORMING YTD	4485	121049		
TOTAL ALL TYPES			4797	57826
TOTAL ALL TYPES YTD	30709	312215		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	146	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	25	1712	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	80	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	41	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	74	0	0	6	233	0	0
5000	0	0	10	14	0	0	27	12	0	0
CUT MO.	0	0	39	1985	0	0	34	325	0	0
CUT YTD	7	199	531	11307	3	39	2694	2523	15	482
1011	0	11	0	0	0	0	0	29	0	0
3568	0	0	2	100	0	0	0	0	0	0
3569	0	0	1	2	0	0	7	5	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	371	0	0
3588	0	0	0	0	0	0	0	0	1	107
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	11	3	102	0	0	8	405	1	107
FRM YTD	9	296	75	1877	7	82	104	3565	57	856
TOT MO.	0	11	42	2087	0	0	42	730	1	107
TOT YTD	16	496	606	13184	10	120	2798	6088	72	1338

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	1	75	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	10
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	66	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3534	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	72	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	11	896	0	0	0	0	16	102
5000	17	20	25	16	0	0	4	7	8	11
CUT MO.	20	233	36	912	0	0	4	7	25	123
CUT YTD	427	3458	166	1619	1	211	885	220	475	1363
1011	0	0	0	0	0	0	0	4	0	0
3568	0	0	18	121	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	1	41	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	28	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	2004	0	0	0	0	1	5	0	0
FRM MO.	3	2073	18	121	0	0	1	9	0	0
FRM YTD	19	2834	43	513	7	301	15	636	11	1592
TOT MO.	23	2306	54	1033	0	0	5	16	25	123
TOT YTD	446	6291	209	2132	8	532	900	856	486	2956

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	2	1060	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	2	626	0	0	0	0	0	0	0	0
3211	0	0	2	153	0	0	0	0	0	0
3216	0	0	2	4415	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	2	112	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	3	24	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	2	25	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	19	0	0	3	88	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	115	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	1	16	0	0
3512	0	0	0	0	0	0	2	71	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	60	0	0	0	0	0	0
3518	1	21	9	221	0	0	0	0	0	0
3521	0	0	1	69	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	36
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	41	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	23	238	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	19	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	172	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	2	10	0	0	1	6	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	3	246	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	6	28	34	264	0	0	0	0	0	0
5000	0	0	134	86	0	0	159	100	0	0
CUT MO.	10	693	197	584	0	0	196	1757	1	36
CUT YTD	836	2195	1042	18026	4	495	1101	8509	13	494
1011	0	1	0	30	0	0	0	32	0	0
3568	0	0	0	0	0	0	1	35	0	0
3569	23	6	9	3	0	0	26	9	0	0
3571	0	0	0	0	0	0	1	125	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	10	250	0	0	1	23	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	3	110	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	5	113	0	0
3588	0	0	0	0	0	0	1	100	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	840	0	0	5	393	0	0
3594	0	0	0	0	0	0	1	315	0	0
3595	0	0	4	69	0	0	0	0	0	0
3598	0	0	4	17	0	0	4	88	3	482
FRM MO.	23	8	28	1208	0	0	48	1343	3	482
FRM YTD	37	983	95	4305	1	240	277	10532	3	482
TOT MO.	33	701	225	7058	0	0	244	3100	4	518
TOT YTD	873	3179	1137	22332	5	734	1378	19041	16	976

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0	0	0	0	0
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	6	369	8	954	0	0	0	0
3216	0	0	4	1078	1	257	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	2	32	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	28	2	12	2	15	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	2	529	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	88	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	4	118	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	442	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	319	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	80	0	0	0	0	0	0
3510	0	0	4	52	0	0	2	10	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	110	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	6	169	10	451	0	0	0	0
3521	0	0	3	551	0	0	0	0	0	0
3523	0	0	0	0	4	384	0	0	0	0
3525	0	0	1	79	11	193	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	2	61	0	0	0	0
3531	0	0	7	50	1	14	0	0	0	0
3532	0	0	2	126	4	33	0	0	0	0
3533	0	0	0	0	1	13	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	59	275	2	14	0	0	0	0
3546	0	0	5	28	2	10	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	75	1	5	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	17	0	0	0	0	0	0
3565	0	0	6	92	16	272	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	33	3	210	1	45	0	0
4000	5	350	71	358	129	376	11	32	0	0
5000	30	17	484	212	117	140	5	2	0	0
CUT MO.	37	399	670	4629	322	4245	21	104	0	0
CUT YTD	213	1297	4911	23958	2370	27228	451	1271	49	154
1011	0	0	0	321	0	1167	0	5	0	0
3568	0	0	2	11	20	130	2	3	0	0
3569	0	0	214	103	43	37	1	2	0	0
3571	0	0	3	398	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	16	1044	3	24	0	0	0	0
3578	0	0	0	0	2	61	0	0	0	0
3582	0	0	3	229	0	0	0	0	0	0
3583	4	125	0	0	0	0	0	0	0	0
3584	2	85	28	598	14	256	3	38	0	0
3588	0	0	1	44	2	97	2	29	0	0
3589	0	0	2	546	1	23	0	0	0	0
3590	0	0	41	5886	35	310	0	0	0	0
3594	0	0	1	5	1	8	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	17	455	10	128	0	0	0	0
FRM MO.	6	210	328	9640	121	2239	8	77	0	0
FRM YTD	40	857	1486	25595	900	13905	43	495	2	118
TOT MO.	43	609	998	14269	443	6484	29	181	0	0
TOT YTD	253	2153	6397	49553	3270	41133	494	1766	51	471

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	1	297	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	2	176	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	1	105	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	1	9	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	1	52	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	2	426	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	4	27	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	27	0	0	0	0	0	0	0	0
5000	0	0	0	0	640	56	5	4	79	10
CUT MO.	2	324	1	105	640	56	5	4	89	700
COT YTD	51	9540	89	1215	1105	1347	361	504	400	18275
1011	0	0	0	0	0	2	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	83	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	138	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	1	12	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	2	138	0	0	1	85	1	12	0	0
FRM YTD	9	873	6	118	83	1728	26	321	34	5843
TOT MO.	4	462	1	105	641	140	6	16	89	700
TOT YTD	70	10413	95	1333	1188	3075	387	825	434	24119

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	113	0	0	0	0	0	0
3204	1	123	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	1	1813
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	1	55	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	48
3503	0	0	0	0	0	0	0	0	0	0
3505	2	211	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	1	20	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	9	393	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	318	0	0
3529	0	0	0	0	0	0	0	0	1	308
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	2	125
3538	0	0	3	99	1	333	0	0	0	0
3541	1	30	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	116
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	3	154	0	0	2	106	1	28
5000	660	125	2	4	21	26	772	122	8	5
CUT MO.	664	490	9	370	23	415	785	959	15	2444
CUT YTD	903	1097	74	4319	482	1200	3062	20963	477	8908
1011	0	0	0	0	0	0	0	28	0	3
3568	0	0	0	0	0	0	0	0	2	44
3569	0	0	37	31	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	8	4	87	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	14	0	0	3	47	0	0
3588	0	0	0	0	0	0	1	18	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	240	4	40	1	1280
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	1	77	0	0	1	1282	1	1042
3598	0	0	0	0	0	0	0	0	6	1314
FRM MO.	0	0	39	122	0	248	13	1503	10	3683
FRM YTD	19	141	46	672	50	1771	235	9511	63	7216
TOT MO.	664	490	48	492	26	662	798	2461	25	6127
TOT YTD	922	1238	120	4991	532	2970	3297	30474	540	16125

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	137
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	2	110
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	19	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	98	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	160	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	5	11	0	0	0	0	1	1
5000	0	0	0	0	4	1	63	32	13	6
CUT MO.	0	0	5	11	6	161	66	149	17	254
CUT YTD	26	1409	107	267	65	298	324	2044	456	1933
1011	0	0	0	0	0	0	0	2	0	1
3568	0	0	0	0	0	0	1	272	0	0
3569	0	0	0	0	0	0	23	16	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	28	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	25	0	0
3588	0	0	0	0	3	185	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	3	77	0	0
3598	0	0	0	0	2	1333	0	0	3	341
FRM MO.	0	0	0	0	5	1518	0	419	3	343
FRM YTD	0	0	15	95	41	8620	92	2494	50	1747
TOT MO.	0	0	5	11	11	1679	95	568	20	597
TOT YTD	26	1409	122	362	106	8918	416	4538	506	4680

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH. OCEANIA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	2	940	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	316	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	1	481	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	55	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	2	118	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	358	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	33	0	0	0	0	0	0
4000	6	427	0	0	1	29	0	0	0	0
5000	0	0	34	28	48	40	0	0	0	0
CUT MO.	11	2522	37	179	50	124	0	0	0	0
CUT YTD	74	5626	456	2508	1095	2237	47	94	8	106
1011	0	0	0	5	0	9	0	4	0	0
3568	0	0	0	0	1	107	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	41	11	236	0	0	0	0
3578	0	0	4	93	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	30	0	0	0	0	0	0
3588	0	0	0	0	2	30	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	2	321	1	42	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	33	0	0	0	0
FRM MO.	2	321	8	212	15	415	0	4	0	0
FRM YTD	11	4834	41	1564	299	2490	106	111	0	0
TOT MO.	13	2843	45	391	65	540	0	4	0	0
TOT YTD	85	10461	497	4072	1394	4727	153	205	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	1	92
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	1	62
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	1	20
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	1	4
3547	0	0	0	0	0	0
3549	0	0	0	0	1	2
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	10	10	3	5	0	0
CUT MO.	10	10	3	5	5	179
CUT YTD	88	75	115	561	155	334
1011	0	0	0	5	0	0
3568	0	0	0	0	0	0
3569	0	0	12	1	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	12	6	0	0
FRM YTD	3	153	17	610	8	54
TOT MO.	10	10	15	11	5	179
TOT YTD	91	228	132	1170	163	388

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JULY 1966

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	5	350	0	0	5	350
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	1	6	210	7	211
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	31	48	0	0	31	48
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	37	399	6	210	43	609

OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	5	2	0	0	5	2
COSTA RICA	1	13	1	17	2	30
DOMINICAN REP.	12	39	1	12	13	50
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	2	5	0	0	2	5
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	4	0	4
JAMAICA	0	0	0	0	0	0
LW & W IS.	0	0	2	3	2	3
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	1	0	1
PANAMA	0	0	3	38	3	38
SALVADOR	0	0	1	2	1	2
TRINIDAD	1	45	0	0	1	45
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	21	104	8	77	29	181

OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	5	4	0	0	5	4
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	1	12	1	12
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	5	4	1	12	6	16

OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	4	99	4	99
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	32	25	0	0	32	25
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	3	150	0	0	3	150
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	1	30	1	30
LEBANON	0	0	0	0	0	0
MALAYSIA	2	4	3	84	5	87
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	37	179	8	212	45	391
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	5	179	0	0	5	179
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	5	179	0	0	5	179

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION
NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN \$500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.